

To: The Honorable Mayor and City Council

From: Ruby C. Johnson, Purchasing Director
Purchasing Department

AS

Date: September 11, 2012

RE **A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA, AUTHORIZING THE CITY MANAGER AND CITY ATTORNEY TO NEGOTIATE AND EXECUTE AN AGREEMENT BETWEEN THE CITY OF NORTH MIAMI AND EAC CONSULTING, INC., FOR THE PROVISION OF CIVIL ENGINEERING AND OTHER RELATED SERVICES AS REQUIRED FOR THE FORCE MAIN EXTENSION IMPROVEMENTS PROJECT, IN ACCORDANCE WITH THE TERMS, CONDITIONS AND SPECIFICATIONS CONTAINED IN RFQ #38-09-10 CONTINUING PROFESSIONAL ARCHITECTURAL & ENGINEERING SERVICES; PROVIDING FOR AN EFFECTIVE DATE AND FOR ALL OTHER PURPOSES**

RECOMMENDATION

Staff is recommending that the Mayor and Council authorize the City Manager to award Work Order No. 5 under RFP 38-09-10 / Civil Engineering to EAC Consulting Inc. for the Biscayne Boulevard 12-inch Force Main Extension Improvements in the amount not to exceed \$199,675.

BACKGROUND

The scope of work consists of providing professional engineering design services for the preparation of construction documents for wastewater transmission improvements. The services to be provided by EAC under this project will consist of the following mandatory tasks:

- Task 1: Field Surveying and Mapping
- Task 2: Geotechnical Evaluation
- Task 3: Subsurface Utility Engineering Services
- Task 4: Pre Design Engineering Services
- Task 5: Preliminary Design Phase (60% Plans)
- Task 6: Final Design Phase (100 % Final Plans)
- Task 7: Permitting and Regulatory Approvals
- Task 8: Bid and Award Support Services
- Task 9: Construction Administration and Inspections

EAC Consultants was selected to do this project as they were prequalified on the City's Architectural & Engineering Services contract.

EAC Consultants has committed to subcontract work from this project to two local vendors Wingerter Laboratories (Soil Testing & Geotechnical Engineering Services) and A. R. Toussaint (Topography Surveying & Mapping).

Attachments

Resolution

Proposal

Local Preference Commitment

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA, AUTHORIZING THE CITY MANAGER AND CITY ATTORNEY TO NEGOTIATE AND EXECUTE AN AGREEMENT BETWEEN THE CITY OF NORTH MIAMI AND EAC CONSULTING, INC., FOR THE PROVISION OF CIVIL ENGINEERING AND OTHER RELATED SERVICES AS REQUIRED FOR THE FORCE MAIN EXTENSION IMPROVEMENTS PROJECT, IN ACCORDANCE WITH THE TERMS, CONDITIONS AND SPECIFICATIONS CONTAINED IN RFQ #38-09-10 CONTINUING PROFESSIONAL ARCHITECTURAL & ENGINEERING SERVICES; PROVIDING FOR AN EFFECTIVE DATE AND ALL OTHER PURPOSES.

WHEREAS, on June 3, 2010, the City of North Miami ("City") advertised *Request for Qualifications #38-09-10, Continuing Professional Architectural & Engineering Services* ("RFQ"), for the purpose of retaining experienced, licensed and insured architectural and engineering firms to provide on a continuing, as-needed basis, the following specific services: Architecture, Landscape Architecture, Civil Engineering, Planning and Urban Design, Traffic Engineering and Transportation Consulting, and Water Resource/Water Supply Related Services; and

WHEREAS, the RFQ was undertaken in accordance with Florida's Consultants' Competitive Negotiation Act under Section 287.055, Florida Statutes; and

WHEREAS, EAC Consulting, Inc. ("Contractor"), responded to the RFQ and was selected by City administration as having those qualifications and references most advantageous to the City; and

WHEREAS, on September 15, 2010, the Mayor and City Council passed and adopted Resolution No. 2010-88, approving the selection of Contractor for the provision of Services on a continuing basis; and

WHEREAS, the City is in need of professional engineering design and other related services for the construction documents needed for the Biscayne Boulevard 12-inch Force Main Extension Improvements Project ("Services"); and

WHEREAS, the City administration respectfully requests that the Mayor and City Council of the City of North Miami, authorize the City Manager and City Attorney to negotiate and execute an agreement between the City and Contractor, to accomplish the aforementioned Services.

NOW THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA:

Section 1. **Authority of City Manager and City Attorney.** The Mayor and City Council of the City of North Miami, Florida, hereby authorize the City Manager and City Attorney to negotiate and execute an agreement between the City of North Miami and EAC Consulting, Inc., for the provision of Civil Engineering and other related Services as required for the force main extension improvements project, in accordance with the terms, conditions and specifications contained in RFQ #38-09-10 Continuing Professional Architectural & Engineering Services.

Section 2. **Effective Date.** This Resolution shall become effective immediately upon adoption.

PASSED AND ADOPTED by a _____ vote of the Mayor and City Council of the City of North Miami, Florida, this _____ day of September, 2012.

ANDRE D. PIERRE, ESQ.
MAYOR

ATTEST:

MICHAEL A. ETIENNE, ESQ.
CITY CLERK

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

REGINE M. MONESTIME
CITY ATTORNEY

SPONSORED BY: CITY ADMINISTRATION

Moved by: _____

Seconded by: _____

Vote:

Mayor Andre D. Pierre, Esq.	_____ (Yes)	_____ (No)
Vice Mayor Jean R. Marcellus	_____ (Yes)	_____ (No)
Councilperson Michael R. Blynn, Esq.	_____ (Yes)	_____ (No)
Councilperson Scott Galvin	_____ (Yes)	_____ (No)
Councilperson Marie Erlande Steril	_____ (Yes)	_____ (No)



August 22, 2012

Aleem Ghany, P.E.,
Public Works Director,
City of North Miami
776 NE 125th Street,
North Miami, Florida 33161

**Re: Architectural and Engineering Services – RFQ No. 38-09-10
Biscayne Boulevard 12-inch Force Main Extension Improvements
(NE 105th Street to NE 119th Street, then west to NE 16th Avenue)**

Dear Mr. Ghany:

EAC Consulting Inc. is pleased to submit this fee proposal to provide requisite services (referenced above) pursuant to RFQ No. 38-09-10 for Continuing Architectural and Engineering Services.

Our services on this project will be supported by our sub consultants, which are as follows:

- Wingerter Laboratories Inc., for Soils Testing and Geotechnical Engineering Services
- FR Aleman and Associates, Inc., for Topographic Surveying & Subsurface Utility Engineering Services

The anticipated scope of work is as itemized within Attachment 1 as well as on our respective subconsultants scope of work description provided in Attachment 4 of this fee proposal package.

Please find enclosed the following attachments:

1. Attachment 1 – Scope of Services
2. Attachment 2 – Project Schedule
3. Attachment 3 – Project Budget
4. Attachment 4 – Sub consultants Scope of Services Proposal

The following information will be required for us to commence engineering services.

- i. Written authorization to proceed with services (Work Order and/or Official Correspondence)

Please feel free to call me at 305 265 5400 with any questions you may have.

Sincerely,
EAC Consulting, Inc

A handwritten signature in black ink, appearing to read "Michael Adeife", is written over a horizontal line.

Michael Adeife, P.E.
Vice President, Civil Engineering

cc: File
Huntley Higgins, P.E.

ATTACHMENT 1

Scope of Services

RFQ No: RFQ No. 38-09-10
RFQ Title: Continuing Professional Architectural and Engineering Services
Project Description: **Biscayne Boulevard 12-inch Force Main Extension Improvements**

SUMMARY

This project will be executed under RFQ 38-09-10 for Continuing Professional Architectural and Engineering Services between the City of North Miami and EAC Consulting, Inc. The Scope of Work consists of providing professional engineering design services for the preparation of construction documents for wastewater transmission improvements.

BACKGROUND

The City of North Miami's wastewater collection and transmission system serves an urbanized area that encompasses approximately 5,300 acres within Miami Dade County, Florida. After collection and transmission through city owned and maintained infrastructure, the City eventually discharges its wastewater effluent into the Miami-Dade Water and Sewer Department's (MDWASD) system at four connection points and is treated at Miami-Dade North District Wastewater Treatment Plant. The City owns and maintains approximately 118 miles of waste water pipelines and 46 pump stations.

In February 2011, the City of North Miami completed the hydraulic analyses of the City owned and maintained wastewater infrastructure as part of the City's Sanitary Sewer Master Plan. The master plan effort amongst other tasks identified and evaluated specific areas of required system upgrades within the City's service area. Upgrades and/or improvements are required along Biscayne Boulevard between NE 105th Street and NE 119th Street in order to meet regulatory requirements. Furthermore upgrades are required along NE 119 Street between Biscayne Boulevard and NE 16th Avenue. Specifically the upgrades being proposed include the upsizing of approximately 7,500 Linear feet of existing 8-inch diameter force main to 12-inch diameter force main along Biscayne Boulevard and the engineering design for a new segment of 500 Linear feet of 12-inch diameter force main pipeline along NE 119th Street. The proposed improvements shall be designed and permitted by all applicable regulatory agencies having jurisdiction. Construction is expected to be completed by within nine calendar months after Notice to Proceed (NTP) directive is issued to the Contractor by the City of North Miami.

SCOPE OF WORK TASKS

EAC Consulting's professional staff reviewed prospective task requirements necessary to accomplish the project directives. Accordingly our scope of work is comprised of the following specific task assignment and/or deliverables: The scope of work identifies the level of effort that will be performed by the EAC Consulting's project team in planning, designing, implementing and executing the project. The services to be provided by EAC Consulting, Inc., for the City of North Miami under this project will consist of the following mandatory tasks:

- Task 1: Field Surveying and Mapping
- Task 2: Geotechnical Evaluation
- Task 3: Subsurface Utility Engineering Services

ATTACHMENT 1

Scope of Services

RFQ No:	RFQ No. 38-09-10
RFQ Title:	Continuing Professional Architectural and Engineering Services
Project Description:	Biscayne Boulevard 12-inch Force Main Extension Improvements

- Task 4: Pre Design Engineering Services
- Task 5: Preliminary Design Phase (60% Plans)
- Task 6: Final Design Phase (100 % Final Plans)
- Task 7: Permitting and Regulatory Approvals
- Task 8: Bid and Award Support Services
- Task 9: Construction Administration and Inspections

A brief description of the above tasks follows:

TASK 1 – FIELD TOPOGRAPHY SURVEYING AND MAPPING

EAC Consulting will retain the services of FR Aleman & Associates, Inc. to survey the proposed pipeline route and identify all above ground elements associated with underground utilities such as valves, manhole covers, etc. The services to be provided are specifically detailed on within their scope and fee proposal included in Attachment 4.

In summary however, this task will provide up-to-date field mapping and topography of the proposed project area. This information will be provided to the City in hard copy and electronic format and is anticipated to include the following:

- Above Ground Information (Pavement, Sidewalks, Gutters, Street Lighting, Power Poles, Driveway material, etc.)
- Evidence of Existing Underground Utilities within the Right of Way (Pipe Invert elevations, Catch Basins, Manholes, Valves, Meter Boxes, Lids, Rim Elevations, Fire Hydrants, Overhead Cables, etc.) Right of Ways, Property Lines, Easements, Dedications, Legal Descriptions, etc.)

TASK 2 – GEOTECHNICAL EVALUATION

EAC Consulting, Inc. will retain the services of a Wingerter Laboratories, Inc. to perform an assessment of subsurface soil conditions along the pipeline alignment. This task will provide geotechnical information and recommendations to efficiently and successfully perform engineering design and ascertain the suitability of existing subsurface materials. Please refer to their fee proposal provided in Attachment 4.

As part of the geo-technical engineering scope of work, it is recommended that boring locations be field checked for potential utility conflicts by utilizing a subsurface utility engineering sub consultant. These services are included as Task 3.

Specifically the geotechnical and soil borings engineering scope includes:

- Layout of Field Test locations in the field
- Coordination with utility companies subscribed to Sunshine State One Number Information Systems to locate the underground utilities in the vicinity of test locations;

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Scope of Services

RFQ No:	RFQ No. 38-09-10
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- Perform the field and laboratory testing for the final geotechnical study needed to develop the recommendations for the project site
- Stratification of test borings;
- Provide a geotechnical report with final recommendations

Please note that the assessment of site environmental conditions or the presence of pollutants in the soil, rock or ground water of the site is beyond the proposed scope of this exploration. In the event that muck or unsuitable soils are found, then additional geotechnical explorations may be required to delineate these unsuitable materials and provide recommendations for either their removal or to provide measures that can be used to mitigate against it.

TASK 3 – SUBSURFACE UTILITY ENGINEERING SERVICES

EAC Consulting will retain the services of FR Aleman & Associates, Inc. to perform underground utility locations and clearances for the purpose of performing geotechnical and civil engineering services on the project. Please refer to their proposal correspondence provided in Attachment 4. This task comprises of three sub tasks as follows:

- **SUE Horizontal Designation** – Horizontal Designation services for the identified limits of survey work (corridors) to depict and verify the presence of subsurface active and inactive utilities. All utilities shall be identified and information provided on survey.
- **Subsurface Exploration and Test holes** – Performance of up to 50 Test holes as determined by the engineer of record and based on potential conflicts with the proposed utility alignment.

All utilities shall be identified by size and material (including duct bank cross-sections (width and depth)) and information provided in written report format acceptable to the City of North Miami and the Engineer of Record. This task includes all coordination necessary with owners and agencies having jurisdiction over the specified utilities. This task shall be compensated on a per hole basis.

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Scope of Services

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TASK 4 – PRE-DESIGN ENGINEERING - UTILITY AND AGENCY COORDINATION SERVICES

This task includes a wide range of preliminary engineering tasks such as Project Kick off meetings, Site Assessment and Field Review of Existing Conditions, Preliminary Meetings with City of North Miami, Coordination Meetings with FDOT and other relevant stakeholders.

This task also covers all coordination with City's Master Planning results and recommendations..

This task also includes contacting all existing utility owners within the project limits and requesting copies of as built information of their respective facilities located within the project limits. EAC shall proceed to notify these utility owners of impending proposed design work and request for concerns and potential conflicts between the proposed work and their respective utilities. Information on future planned development by each respective utility owner will also be requested. Utility owners will be provided copies of the design at the sixty percent (60%) and one-hundred percent (100%) design milestones. This will enable utility owners to provide valuable input to the design process to ensure a properly coordinated progression of the project.

This scope also includes review of survey and geotechnical findings as well as providing hard and electronic copies of both deliverables to the City of North Miami.

A preliminary alignment will be developed based on the utility information received and other constraints identified within the right of way. This alignment will be coordinated with the City and the FDOT for concurrence.

TASK 5- PRELIMINARY DESIGN PHASE (60% Deliverables)

This task includes services to progress the recommendations and findings of the pre-design engineering tasks to develop and achieve a set of 60% construction documents This phase involves providing developing construction drawings and technical specifications. Drawings will be in AutoCAD. Technical specifications and other required written documents will be in Microsoft Word. Designs will be in accordance with the City of North Miami Public Works standards, the Florida Department of Environmental Protection (FDEP), the Ten States Standards and applicable Miami Dade Water and Sewer Department Standards and will conform to FDOT guidelines as it relates to work within or proximity to state owned and maintained right of way.

ATTACHMENT 1

Scope of Services

RFQ No:	RFQ No. 38-09-10
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Specific tasks in this phase consist of the following:

- Development and Preparation of Project Key/Cover Sheet
- Development and Preparation of general information plans sheets for the project.
- Development and Preparation of Horizontal / Geometry Sheets
- Development and Preparation of Project Layout Plan
- Development and Preparation of Horizontal Alignment Plan Sheets
- Development and Preparation of Vertical Alignment Plan Sheets
- Development and Preparation of Draft Technical Specifications Package
- Perform Preliminary Quantity Take offs.
- Preparation of Preliminary Opinion of Probable Construction Costs.
- Submit 60% Plans package to the City of North Miami and other regulatory and authorities having jurisdictions.

Deliverables:

EAC will provide the following to the City of North Miami:

- Three (3) sets of construction plans (24" x 36" size sheets) at approximately 60% completion.
- Three (3) sets of Draft Technical specifications.
- Preliminary Construction Cost Estimates based on the 60% Preliminary Plans.
- Electronic CADD Files, PDF Reports, Construction Plans, Survey and Specifications

TASK 6 - FINAL DESIGN PHASE (100% Deliverables)

This task includes services to finalize and complete the design and contract documents that consist of construction drawings and technical specifications. This phase involves providing remainder pertinent design and construction data on the construction drawings and technical specifications to a final design level. Comments received from the City as well as other jurisdictional agencies at the 60% Phase will be addressed and implemented as required. A set of comment responses will be provided to the City of review and acceptance.

Drawings will be in AutoCAD. Technical specifications and other required written documents will be in Microsoft Word. Designs will be in accordance with the City of North Miami Public Works standards, the Florida Department of Environmental Protection (FDEP), the Ten State Standards and applicable Miami Dade Water and Sewer Department Standards and will conform to FDOT guidelines as it relates to work within or proximity of state owned and maintained right of way.

ATTACHMENT 1

Scope of Services

RFQ No:	RFQ No. 38-09-10
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Specific tasks in this phase consist of the following:

- Updating and Completing drawings based on comments received and accepted at 60%.
- Finalize base maps and general information plan sheets.
- Finalize Horizontal / Geometry Sheets
- Finalize of Project Layout Plan
- Finalize Horizontal Alignment Plan Sheets
- Finalize Vertical Profile Sheets
- Incorporate Maintenance of Traffic Standard Detail Plans Sheets (FDOT Design Standards)
- Develop Pavement Repair and Restoration Plans and Details
- Finalize Technical Specifications Package
- Perform Quantity Take offs.
- Conduct a plan-in-hand field review of the construction plans.
- Prepare Engineer's Opinion of Cost Estimates with applicable contingencies.
- Conduct one (1) design review and coordination meeting with the City of North Miami Public Works Department and applicable interests.

Deliverables:

EAC will provide the following to the City of North Miami:

- Four (4) sets of construction plans (24" x 36" size sheets) at 100% level of completion.
- Four (4) sets of Technical specifications and Electronic pdf Copy.
- Opinion of Probable Construction Cost- Five (4) copies

TASK 7- PERMITTING AND REGULATORY APPROVALS

EAC Consulting shall undertake early permitting coordination at the 60% Deliverable phase to seek early input and acceptance of design approach from all respective permitting jurisdictions as identified in this scope of services. Various jurisdictional agencies have technical and non-technical review responsibilities for the construction contract documents. The consultant shall assist the City in this process by participating in meetings and discussions with these agencies. Permit application fees shall be paid by the City. EAC Consulting shall submit required copies (signed and sealed) to all applicable authorities having jurisdiction for processing and approval of the 100% Deliverables. EAC Consulting shall coordinate the reviews of each of these agencies and implement comments provided by these agencies and obtain needed approvals and permits.

Once all approvals are obtained, EAC Consulting shall proceed to updating the 100% Deliverables package incorporating all revisions and issuing the conformed Issue for Bid (IFB) set.

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Scope of Services

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The following agency approvals or concurrence will be required and processed:

- The City of North Miami Public Works
- Miami Dade County PERA
- Miami Dade Public Works Department
- Florida Department of Transportation
- Florida Department of Environmental Protection

TASK 8- BID AND AWARD SUPPORT SERVICES

It is anticipated this will be a publicly advertised project. EAC Consulting will assist the City of North Miami during the bidding phase by performing the following services. The professional services to be rendered during this task include the following:

- Preparation of Bid Package (Front End Documents to be provided by the City)
- Liaise with City Purchasing Staff as needed
- Attend One (1) Pre-Bid Meeting
- Present Project at Pre-Bid Meeting
- Document and Prepare Meeting Minutes for Pre Bid Meeting
- Respond in writing to Contractor inquiries, questions and clarifications.
- Assist the City in the preparation of Addenda as necessary.

TASK 9 - CONSTRUCTION ADMINISTRATION

EAC Consulting shall perform construction administration oversight support and specialty inspections services.

- Attend one (1) Pre-Construction Meeting
- Preparation of Pre Construction Meeting Minutes.
- Respond to RFI and change order requests
- Issue design clarifications
- Review contractor's pay requests
- Review contractor submittal (schedules, samples, materials, shop/installation drawings, etc)
- Perform weekly inspections
- Participate in specialty inspections & prepare the punch list for substantial completion and final acceptance. Attendance at major Construction Progress Meetings
- Attend the testing/inspection of constructed work with jurisdictional and testing agencies as scheduled by Contractor.
- Review of Certified Construction As-builts developed and submitted by Contractor.
- Preparation of Record Drawings from the contractor supplied as-built drawings
- Perform Punch-listing and Construction Close-out Services
- Required final certifications.

ATTACHMENT 1

Scope of Services

RFQ No:	RFQ No. 38-09-10
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SCOPE OF SERVICES EXCLUSIONS AND ASSUMPTIONS

If determined to be required during the progression of design, EAC Consulting, Inc., will subsequently notify the City of North Miami and a supplemental scope of services will be developed, associated fee proposal generated and negotiated relative to the work required.

1. No legal, real estate and administrative services relating to easement acquisition and re-platting is included in this proposal.
2. Environmental Engineering Services and Environmental Mitigation are excluded. No environmental or wetland impacts are anticipated to occur on this project. Accordingly, this scope of services doesn't include any engineering services associated with wetland / environmental identification, delineation, mitigation design and permitting. In addition, Phase 1 and 2 Environmental Assessments are not included in the scope of work.
3. Permit Fees will be paid directly by the City. No budget has included in this fee proposal for permit fees.
4. Except for normal pavement restoration due to open cut construction operations, no roadway design, pavement design, structural, electrical or plumbing design services are included in scope of work.
5. No Traffic Signalization, Signage Design or Pavement Marking Design is included in scope of work.
6. No drainage, storm water management design and permitting or environmental resource permitting approvals is included in this scope of services. No improvements to any other utilities in the project vicinity are included.
7. No trenchless pipeline design or construction is included in the scope of work.
8. No de-mucking design, plans and specifications is included in the scope of work.
9. No community / public coordination and involvement meetings are included in this scope of services.
10. Front end documents for the bid package will be the responsibility of the City of North Miami Purchasing Department.
11. To facilitate the project schedule, this scope of services assumes that the City will consolidate and provide review comments within two (2) weeks of submittal (estimated).
12. No improvements within private parcels are included.
13. No improvements to any existing lift stations and new lift design designs are proposed.
14. In the event that muck is found on-site, further geotechnical studies maybe necessary to delineate such unsuitable soils and/or prepare a mitigation plan.
15. This proposal assumes that the City will be responsible for evaluating and analyzing the construction bids received for this project and contractor selection.

ATTACHMENT 2

Project Schedule/Duration

RFQ No: RFQ No. 38-09-10
RFQ Title: Continuing Professional Architectural and Engineering Services
Project Description: **Biscayne Boulevard 12-inch Force Main Extension Improvements**

The anticipated project schedule milestones for this project are presented below.

ACTIVITY	DATE REQUIRED OR ESTIMATED TIME PERIOD
Pre Design and Data Collection Phase	4 Weeks
Preliminary Design Phase (60% Deliverable)	8 Weeks
City of North Miami Review	2 Weeks
Final Design Phase (100% Deliverable)	8 Weeks
City of North Miami Review	2 Weeks
Finalize 100% Construction Documents	2 Weeks
Permitting and Regulatory Approvals	4 Weeks *
Bid and Award / Assistance During Construction Procurement	8 Weeks *
Construction Administration and Inspections	36 Weeks
<u>Total</u>	<u>74 Weeks</u>

Notes (*) – Duration has been estimated:

1. Permitting and Jurisdictional Approvals duration is subject to Permitting Authorities.
2. Duration for Assistance during the Bidding Phase is subject to the City of North Miami Purchasing Department.

ATTACHMENT 3

Project Budget

RFQ No: RFQ No. 38-09-10
RFQ Title: Continuing Professional Architectural and Engineering Services
Project Description: Biscayne Boulevard 12-inch Force Main Extension Improvements

Fee – Design Services

Task No	Description	Fee
1	Field Surveying and Mapping	\$24,090.00
2	Geotechnical & Soils Evaluation	\$12,370.00
3	Subsurface Utility Exploration (Engineering)	\$19,700.00
4	Utility Coordination	\$4,840.00
5	60% Design Phase	\$38,160.00
6	100% Design Phase	\$46,440.00
7	Permitting and Approvals	\$15,160.00
8	Bid and Award Support Services	\$5,240.00
	Reimbursable Expenses	\$1,975.00
	TOTAL LUMP SUM FEE	\$ 167,975.00

Fee - Construction Administration Services (Optional)

1	Construction Administration	\$31,200.00
	Reimbursable Expenses	\$500.00
	TOTAL LUMP SUM FEE	\$ 31,700.00

ATTACHMENT 4

Sub-consultants Fee Proposals

RFQ No:	RFQ No. 38-09-10
RFQ Title:	Continuing Professional Architectural and Engineering Services
Project Description:	Biscayne Boulevard 12-inch Force Main Extension Improvements

The Fee Proposals submitted by EAC's sub-consultants are included on the following pages:



August 20th, 2012

EAC Consulting, Inc.
Attn: Michael Adeife, P.E.
815 NW 57th Avenue, Suite 402
Miami, FL 33126

RE: Professional Geotechnical Testing Services

Project: Biscayne Boulevard
US-1 , Florida

Dear Mr. Adeife:

WINGERTER LABORATORIES, INC., is a family owned and operated business that was founded in 1949 and has been providing the highest quality, professional, Geotechnical and Materials Testing and Inspection Services to our clients in South Florida and the Caribbean for the past 63 years. Our organization is lead by professionals with over One Hundred Twenty (120) years of combined experience in the Geotechnical and Construction Materials Testing field.

We specialize in all aspects of Construction Materials Testing including Geotechnical drilling and evaluations, Special and Threshold Inspections, Welding and Structural Steel Testing and Inspections, Aggregate and Soil Testing, Concrete Testing and Expert Testimony and Witness. These tests are just a few of the multitude of tests and inspections capabilities we have in Materials Testing and Geotechnical Testing & Engineering Services.

Our services have been provided to projects that include virtually every governmental agency in South Florida, a partial list would include: Broward County Board of County Commissioners, The School Board of Broward County, Miami-Dade County Board of County Commissioners, Miami-Dade County School Board, The Florida Department of Transportation, United States Dept of Defense (Naval Surface Warfare) and The U. S. Army Corps of Engineers.

WINGERTER LABORATORIES, INC., is inspected and fully certified in all categories by the Construction Materials Engineering Council, The Florida Department of Transportation and Miami Dade County Code Compliance Office.

We understand that communication and responsiveness is essential and a networked data based computer management system is used to provide the latest technology in scheduling, reporting and project management techniques.

In accordance with your request, **WINGERTER LABORATORIES, INC. (WLI)** is pleased to present our scope of services and fees for the above referenced project. It is our understanding that the borings will be for a waste water transmission pipe trenching recommendation project. Our proposed Scope of Services and Estimated Quantities are listed below.

EAC Consulting, Inc.
August 20th, 2012
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SCOPE OF SERVICES AND FEES

WLI will furnish all labor materials and equipment necessary to perform approximately Fifteen (15) standard penetration tests (SPT) in accordance with ASTM Standard Test Method D-1586 with Standard Truck Mounted Equipment to a depth of Ten (10') below the subsurface and will be located one every 400' feet of roadway alternating North Bound and South Bound Lanes and on NE 119th Street as desired.

Mobilization and de-mobilization of all personnel and equipment to the jobsite. Fees are inclusive of all tolls and travel expenses. Maintenance of Traffic with a rolling arrow sign and addition personnel as required. Fees will include permit processing, MOT plan design and coordination.

WLI personnel will perform a boring layout and conduct utility clearances through Sunshine State One Call prior to conducting the borings. If clients contacts this services, clients agrees to provide WLI with all clear ticket numbers and documentation and agrees to issue WLI a hold harmless release.

A Geotechnical Engineering Evaluation report will be prepared along with site observation and consultation. This report will contain test boring logs, sample analysis, and an engineering opinion containing recommendations for foundation design. We will provide four (4) hard copies and one (1) electronic pdf copies of this report, signed and sealed by a Florida Registered Professional Engineer and Geologist.

Payment terms for these services will be NET 30 days with a Purchase Order.

Fee Schedule:

The scope of services can be accomplished for the following fees:

- | | | |
|----|--|-------------|
| 1. | Boring layout & Utility Clearance \$50.00/Hr. x 10 Hrs. | \$500.00 |
| 2. | MOT Plan Design | \$450.00 |
| 3. | Permitting Time and Field Coordination Estimated at Twenty Hrs. x \$50.00/Hr. | \$1,000.00 |
| 4. | Permits | Actual Cost |
| 5. | Maintenance of Traffic Rolling Sign \$750.00/Day x Estimated 4 Days | \$3,000.00 |
| 6. | Perform Fifteen (15) Standard Penetration Tests with Truck Mounted Drill Rig to depth of 10' each. Estimated at One Hundred Fifty (150') X \$16.00/Ft. | \$2,400.00 |

EAC Consulting, Inc.
August 20th, 2012
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7.	Mobilization and demobilization of equipment and personnel (4 days)	\$500.00
8.	Geotechnical Engineering Evaluation and Recommendation Report	\$2,000.00
ESTIMATED TOTAL:		\$9,850.00

Note: Conducting the above reference tests involves driving a heavy truck mounted drill rig into the property, and drilling holes into the ground. Wingerter Laboratories, Inc. will contact local utility companies through the Sunshine State One Call, which will locate and mark any of their underground facilities present in the vicinity of the proposed test locations prior to us performing the work. However, we will not assume responsibility for damage to privately owned underground utilities (such as sprinklers, street lighting, etc.), septic tanks or other underground structures which may result from drilling activities or mobilization of the truck mounted equipment, if not identified to us prior to mobilization to the site, nor we will be responsible to damage to lawn or soft ground which may result from driving the truck mounted equipment into the property.

The services covered by this proposal will be performed in accordance with our attached "Standard Terms and Conditions".

Thank you for the opportunity to submit our scope of services and fees for the above referenced project. Fees for other services will be provided upon request. Should you have any questions, please do not hesitate to contact us at (305) 944-3401, Extension 501 or via E-mail Jill@wingerterlab.com.

Yours Truly,
WINGERTER LABORATORIES INCORPORATED

Jill W. Chin-You



Jill Wingerter Chin-You
President

Accepted By: _____

Date: _____

Name & Title: _____

Firm: _____



R. ALEMAN

& Associates, Inc.
CONSULTING ENGINEERS & SURVEYORS
10305 NW. 41st Street,
Miami, FL 33194
TEL: (305)-591-8777
Email: frank.paruas@fr-aleman.com

CONSULTING ENGINEERS & SURVEYORS
www.FR-Aleman.com

August 21, 2012

Michael Adeife, P.E

Vice President, Civil Engineering

EAC Consulting, Inc.

www.eacconsult.com

815 NW 57th Avenue, Suite 402

Miami, FL 33126

Direct Dial: 305-265-5471

Main: 305-264-2557

Fax: 305-264-8363

Email: madeife@eacconsult.com

RE: Topographic Survey for SR.5 (Biscayne Boulevard) from NE. 105th Street to NE. 119th Street AND NE. 119 Street – From NE 16th Avenue to Biscayne Boulevard. Survey will include the full intersection at the limits of the project.

Dear Mr. Adeife:

This is our estimate for the Topographic for SR.5 (Biscayne Boulevard) from NE. 105th Street to NE. 119th Street AND NE. 119 Street – From NE 16th Avenue to Biscayne Boulevard (Approximate 1.1 miles / 5,800 LF)

Scope of Works:

- Full topographic survey road described above. Survey at the intersections will extend 25 feet beyond the points of curvature.
- The survey will show existing Right of way lines, etc. if applicable. Survey will show all above ground structures, including but not limited to manholes, valves, fire hydrant etc. Survey will show all existing landscape within the Right-of-Way.
- Survey stationing will go from South to North. Stationing will be tied to established monumented lines. Survey will be performed in the State Plane Coordinate System (Florida East Zone NAD 83/90)
- Survey will establish reference points to perpetuate the alignment.
- All curve data will be shown on plans. Points of curvature and point of tangency will be set on the field. Begin of Survey and the End of Survey will be also stake out.
- Vertical control will refer to National Geodetic Vertical Datum 1929 (N.G.V.D. 29). Temporary Bench Marks (TBM) will be set through the project at approximately 1,000 feet intervals.
- Survey will show Horizontal and Vertical location of visible fixed improvements within project limits.
- Survey will include the location of trees with 3-inch diameter trunk or larger.
- Rim, top and invert elevations of all existing sanitary sewers' manholes, pump wet and dry wells, drainage culverts, manholes and catch basins.
- Survey will show cross-section at 100 feet intervals. Cross Section will include elevation at the centerline, edge of pavement, top of shoulder, bottom of shoulder, centerline of swale, gutter, top of curb, back of sidewalk, right of way line, and low points, median, as necessary.
- Any abrupt changes in grades immediately beyond the limits of the project will be shown as well.
- Survey will show the horizontal and vertical information for up to 15 Boring Locations.
- Survey will show all existing underground utility lines as designated by FRA Survey crew; together with all 50 test holes performed by FRA.

Topographic survey according to Minimum Technical Standards, Chapter 5J-17, Florida Administrative Code.
FRA will deliver all drawings in CD, in AutoCAD release 2012, in State Plane Coordinate System (SPCS).

FRA will deliver two (8) hard signed and sealed copies of the Topographic Survey.
Topographic survey will show lot lines and or subdivision lines outside of public right of way and utility easements, as shown on those plats, within public right of way.

SURVEY PRICE PROPOSAL

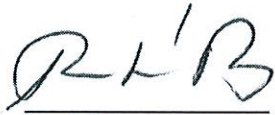
Field Crew 3 men	14	DAYS	\$1,200.00	\$16,800.00
Surveyor and Mapper	14	HOURS	\$105.00	\$1,470.00
CADD Tech/HOUR	60	HOURS	\$55.00	\$3,300.00
TOTAL			\$21,570.00	

F.R. Aleman & Associates, Inc. appreciates the opportunity to submit this proposal and looks forward to our association on this project.

If you find this proposal acceptable, please sign the original of the Agreement in the spaces provided below and return one (1) fully executed copy for our files, which will serve as your formal authorization for our services.

We are prepared to commence work immediately upon your notification and finalization of this Agreement.

Please do not hesitate to contact me if you have any questions.



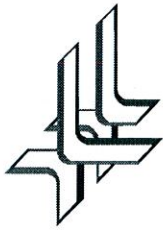
Frank Paruas, PSM
Project Surveyor
F.R. Aleman & Associates, Inc.
A Certified DBE/MBE
Firm with the State of Florida
10305 NW. 41st Street,
Miami, Florida 33194
Phone: (305)-591-8777
frank.paruas@fr-aleman.com

Client: EAC Consulting, Inc.

By: _____

Title: _____

Date: _____



F.R. ALEMAN

& Associates, Inc.
CONSULTING ENGINEERS & SURVEYORS

10305 NW 41 Street, Suite 200
Miami, Florida 33178
TEL: (305) 591-8777
FAX: (305) 599-8749

CONSULTING ENGINEERS & SURVEYORS
www.FR-Aleman.com

August 21, 2012

Michael Adeife, P.E.

Vice President, Civil Engineering
Email: madeife@eacconsult.com

EAC Consulting, Inc.

www.eacconsult.com

815 NW 57th Avenue, Suite 402
Miami, FL 33126
Direct Dial: 305-265-5471
Main: 305-264-2557
Fax: 305-264-8363

RE: Biscayne Boulevard , from NE 105 Street to NE 119 Street (including the full intersection at the limits) and NE 119 Street – From NE 16th Avenue to Biscayne Boulevard (including the full intersection at the limits)

SUBJECT: **REVISED** Price Proposal for SUE / Specific Purpose Survey

Dear Mr. Adeife,

In accordance with your request, F.R. Aleman & Associates, Inc., (FRA) is pleased to submit our proposal to provide **DESIGNATING AND LOCATING** And **SURVEY** Services to your company.

F.R. Aleman & Associates, Inc., (FRA) is pleased to provide this proposal for utility locating services at the above referenced project. Based on the information provided FRA will attempt to provide horizontal locations of all utilities prior to excavation. The provided site plan depicting the limits of survey shall be considered part of this proposal.

DESCRIPTION OF SERVICES

FRA will perform R/W to R/W topography SUE services indicating all existing underground utility information, above ground utilities, overhead electrical, telephone, cable and other survey data information consistent with ASCE requirements. In addition we will provide 50 soft digs below pavement at locations to be determined during the design phase. Scope is limited to obtain above and below ground utilities. FRA will receive control survey information. No attempt will be made to collect features other than utilities.

FRA will provide two (2) technicians, equipment and special tools to designate utilities at locations authorized and directed by your representative.

Electromagnetic induction is a method in which a transmitter signal is applied by directly coupling to a target. As long as the target is metallic, a receiver is used to detect the transmitted signal. Passive detection is another technique used to locate naturally occurring magnetic fields that exist on power cables generating a 50/60 Hz. Signal. Additionally, passive VLF signals can be detected on other metallic utilities that are typically long in length and are well grounded electrically. Some utility systems contain portions of non-metallic material and therefore may be un-locatable using EM techniques.

Vacuum excavation is a technique used to safely expose utilities by using a combination of compressed and vacuum air. Once the utility has been exposed, vertical elevation, diameter and material type can be obtained.

CONSULTANT'S RESPONSIBILITIES (DESIGNATING)

FRA will designate the approximate horizontal location of existing utilities for this project by means of paint and flags.

ELECTROMAGNETIC SURVEY

- Conduct appropriate records research
- Program and calibrate electromagnetic utility locating equipment
- Perform horizontal locations of existing conductive utilities using electromagnetic techniques
- Mark selected targets on the ground surface as necessary
- Interpret field data and perform on-site designating field sketches
- Provide survey of utility targets with E.A.C. CONSULTING, INC.

F.R. ALEMAN & ASSOCIATES, INC. LOCATING SERVICES-PRICE PROPOSAL

ITEM DESCRIPTION	RATE	QUANTITY	ITEM PRICE
GPR/Designating	\$1,000.00 / Per Day	6 Days	\$6,000.00
Test Holes	\$190.00 / Per Hole	50 Holes	\$9,500.00
		Amount Due:	\$15,500.00

If additional time should be required for the completion of this project, services will be billed as follows:

- \$ 200.00 an hour for Designating Services or G.P.R.
- \$ 190.00 per hole for test hole services


F.R. Aleman & Associates, Inc. appreciates the opportunity to submit this proposal and looks forward to our association on this project. This proposal is valid for acceptance through December 30, 2012, after which it shall be subject to reconfirmation by **FRA**. If this proposal is accepted prior to the above date, this pricing will be in effect for the next 30 days, after which time shall be subject to review and adjustment by **FRA**.

- FRA based this estimate on a plans review with E.A.C. CONSULTING, INC.

If you find this proposal acceptable, please sign the original of this Agreement in spaces provided below and return one (1) fully executed copy for our files which will serve as your formal authorization for our services.

If you have any questions please do not hesitate to call me at my office (305) 591-8777.

Very truly yours,



D.M. Stanton
S.U.E. Manager

Z:\Vacuum Excavation\E.A.C. CONSULTING, INC\Price Proposal\Adeife1-rev4.doc

ACCEPTED AND AGREED:
Client: E.A.C. CONSULTING, INC.

By: _____

Title: _____

Date: _____



LOCAL PREFERENCE CERTIFICATION

SECTION 1: GENERAL TERM

Local Preference

The evaluation of competitive bids is subject to Section 7-151 of Ordinance 1244 which, except where contrary to federal and state law, or any other funding source requirements, provides that preference be given to local businesses. To satisfy this requirement, the vendor shall affirm in writing its compliance with either of the following objective criteria as of the bid or proposal submission date stated in the solicitation. The following criteria meet the local preference requirements:

1. A business that has a valid local business tax receipt, issued by the City of North Miami at least one year prior to bid or proposal submission, that is appropriate for the goods, services or construction to be purchased **AND**;
2. A business that has a physical business address located within the limits of the City of North Miami from which the vendor operates or performs business. Post Office Boxes are not verifiable and shall not be used for the purpose of establishing said physical address **OR**;
3. A business has at least ten (10%) of its total workforce residing in the City of North Miami or subcontractors at least ten percent (10%) of its total contractors in the City prior to the City's issuance of the solicitation for supplies or services **OR**;
4. The local preference may be applied to firms that subcontract at least ten percent (10%) of the contractual amount of a City project to subcontractor who is physically located within the City of North Miami.

The preference is used to evaluate the submittals received from bidders. A preference of ten percent (10%) shall be given to the local businesses total evaluation points of their proposal or ten percent (10%) shall be given to the local businesses total price of their bid.

Comparison of Qualifications

The preferences established in no way prohibit the right of the City to compare quality of supplies or services for purchase and to compare qualifications, character, responsibility and fitness of all persons, firms or corporations submitting bids or proposals. Further, the preference established in no way prohibit the right of the City from giving any other preference permitted by law instead of preferences granted, nor prohibit the City to select the bid or proposal which is the most responsible and in the best interests of the City.

SECTION 2: AFFIRMATION

LOCAL PREFERENCE CERTIFICATION: The local preference may be applied to businesses located within the limits of the City of North Miami. A copy of a current Business Tax Receipt must be attached.

☐ Place a check mark here only if affirming bidder meets requirements for Local Preference. Failure to complete this certification at this time (by checking the box above) shall render the vendor ineligible for Local Preference.

WORKFORCE LOCAL PREFERENCE CERTIFICATION: The local preference may be applied to businesses with a least ten percent (10%) of its total workforce residing within the geographical boundaries of the City.

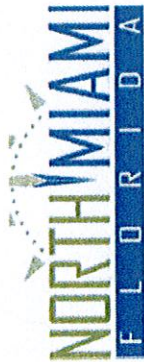
☐ Place a check mark here only if affirming bidder meets requirements for workforce Local Preference. Failure to complete this certification at this time (by checking the box above) shall render the vendor ineligible for Workforce Local Preference.

SUBCONTRACTOR LOCAL PREFERENCE CERTIFICATION: The local preference may be applied to businesses that subcontract at least ten percent (10%) of the contractual amount of a City project to subcontractor who are physically located within the City of North Miami. (Must complete Forms A-3A: Participation Schedule & A-3B: Statement of Intent)

☒ Place a check mark here only if affirming bidder meets requirements for Subcontractor Local Preference. Failure to complete this certification at this time (by checking the box above) shall render the vendor ineligible for Subcontractor Local Preference.

Company Name: EAC Consulting, Inc

Authorized Signature:  8/29/12



LOCAL PREFERENCE FORM A - 3A

CITY OF NORTH MIAMI LOCAL BUSINESS PARTICIPATION SCHEDULE

RFP/IFB # 38-09-10 Title: Architectural and Engineering Services

Bidder/Proposer EAC Consulting, Inc

Address, City, State and Zip 815 NW 57th Avenue, Suite 402, Miami, Florida 33126

Contact Person Huntley Higgins, PE Tel # 305-265 5400 Fax # 305-264 8363

ORGANIZATION STATUS

Business Association	Date Engaged	Business Name	Business Address	Business Telephone #	Work to Be Performed		
					% of Work	Type of Work	Dollar Amount
Bidder/Proposer	8-20-12	EAC Consulting	815 NW 57 Av	3052655400	76.5	Civil & Utilities Engineering	152,755.0
Local Business	8-20-12	Wingter Laboratories	1820 NE 144th	3059443401	4.9	Geotechnical/Soils Engineering	9,850.0
Local Business	8-20-12	A.R Toussaint & Associates	620 NE 126th St	3058917340	10.8	Topography Surveying and Mapping	21,570.0
Other Subconsultant	8-20-12	FR Aleman and	10305 NW 41st	3055918777	7.8	Subsurface Utility Exploration	15,500.0
					100%	Total Participation	
						Total Contract	\$ 199,675.0

The listing of a Local Business shall constitute a representation by the bidder/proposer to the City of North Miami that the bidder/proposer believes such Local Business to be technically and financially qualified and available to perform the work described. Bidders/Proposers are advised that the information contained will be verified.

I certify that the above information is true to the best of my knowledge:

Michael Adele Vice President 8-29-2012
Authorized Bidder/Proposer Signature Title Date

**STATEMENT OF INTENT**RFP/IFB NO. 38-09-10

A signed "Statement of Intent" shall be completed by both the proposer/bidder and the owner or authorized principal of each Local Business listed in the Participation Schedule Form A-3A.

Wingerter Laboratories, Inc

Name of Local Business

agrees to perform work on the above contract as (check one)

☐ a partnership; ☒ a corporation; ☐ an individual; ☐ a joint venture
Local Business Contractor

The Local Business will enter into a formal agreement, conditioned upon the Bidder/Proposer executing a contract with the City of North Miami for the work with Wingerter Laboratories, Inc.

Name of Local Business

Item No.	Type of Work	Date Engaged	Agreed Price (Or Agreed Percentage)	% of Work
1.	Geotechnical/Soils Testing Engineering	8-20-2012	\$9,850.0	4.9 %
2.			\$	%
3.			\$	%
TOTAL VALUE OF WORK			\$9,850.0	4.9 %

Wingerter Laboratories, Inc President8-29-2012

Local Business Contact Name (Please Print)

Title

Date

1820 NE 144th Street, North Miami, FL 33181

Local Business Address, City, State & Zip Code

Jill@wingerterlab.com305-944 3401

Local Business E-Mail address

Phone Number

Authorized Local Business Signature

Authorized Bidder/Proposer Signature
Vice President

Title

8-29-2012

Date

NOTE: A copy of the Local Vendor Business Tax Receipt and signatures of Local Business and Bidder/Proposer are required.



STATEMENT OF INTENT

RFP/IFB NO. 38-09-10

A signed "Statement of Intent" shall be completed by both the proposer/bidder and the owner or authorized principal of each Local Business listed in the Participation Schedule Form A-3A.

A.R. Toussaint & Assoc, Inc

Name of Local Business

agrees to perform work on the above contract as (check one)

☐ a partnership; ☒ a corporation; ☐ an individual; ☐ a joint venture

Local Business Contractor

The Local Business will enter into a formal agreement, conditioned upon the Bidder/Proposer executing a contract with the City of North Miami for the work with A.R. Toussaint & Assoc, Inc

Name of Local Business

Item No.	Type of Work	Date Engaged	Agreed Price (Or Agreed Percentage)	% of Work
1.	Topography Surveying and Mapping	8-20-2012	\$ 21,570.0	10.8 %
2.			\$	%
3.			\$	%
TOTAL VALUE OF WORK			\$ 21,570.0	10.8 %

A.R. Toussaint & Assoc, IncPresident8-29-2012

Local Business Contact Name (Please Print)

Title

Date

620 NE 126th St, North Miami, FL 33161

Local Business Address, City, State & Zip Code

artousaint@aol.com305-891 7340*A.R. Toussaint*

Local Business E-Mail address

Phone Number

Authorized Local Business Signature

*[Signature]*Vice President8-29-2012

Authorized Bidder/Proposer Signature

Title

Date

NOTE: A copy of the Local Vendor Business Tax Receipt and signatures of Local Business and Bidder/Proposer are required.